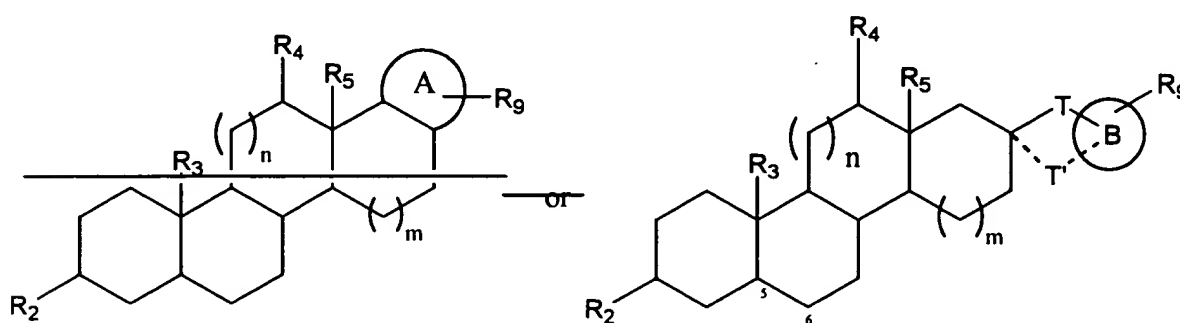


*The claims presented above incorporate changes as indicated by the marked-up versions below.*

6. (Amended Twice) A method for inhibiting unwanted hair growth or inhibiting spermatogenesis, comprising administering to the patient a composition comprising a purified alkaloid represented in the general formula (III), or unsaturated forms thereof and/or seco-, nor- or homo-derivatives thereof:



Formula III

wherein

$R_2$ ,  $R_3$ ,  $R_4$ , and  $R_5$ , represent one or more substitutions to the ring to which each is attached, for each occurrence, independently represent hydrogen, halogens, alkyls, alkenyls, alkynyls, aryls, hydroxyl, =O, =S, alkoxy, silyloxy, amino, nitro, thiol, amines, imines, amides, phosphoryls, phosphonates, phosphines, carbonyls, carboxyls, carboxamides, anhydrides, silyls, ethers, thioethers, alkylsulfonyls, arylsulfonyls, selenoethers, ketones, aldehydes, esters, or  $-(CH_2)_m-R_8$ ;

$R_8$  represents an aryl, a cycloalkyl, a cycloalkenyl, a heterocycle, or a polycycle;

~~A and B~~ represents monocyclic or polycyclic groups;

T represents an alkyl, an aminoalkyl, a carboxyl, an ester, an amide, ether or amine linkage of 1-10 bond lengths;

T' is absent, or represents an alkyl, an aminoalkyl, a carboxyl, an ester, an amide, ether or amine linkage of 1-3 bond lengths, wherein if T and T' are present together, than T and T' taken together with the ring B form a covalently closed ring of 5-8 ring atoms;

R<sub>9</sub> represent one or more substitutions to the ring ~~A or B~~, which for each occurrence, independently represent halogens, alkyls, alkenyls, alkynyls, aryls, hydroxyl, =O, =S, alkoxyl, silyloxy, amino, nitro, thiol, amines, imines, amides, phosphoryls, phosphonates, phosphines, carbonyls, carboxyls, carboxamides, anhydrides, silyls, ethers, thioethers, alkylsulfonyls, arylsulfonyls, selenoethers, ketones, aldehydes, esters, or - (CH<sub>2</sub>)<sub>m</sub>-R<sub>8</sub>; and

n and m are, independently, zero, 1 or 2;

with the proviso that ~~A and R<sub>9</sub> or T~~, T' B and R<sub>9</sub>, taken together include at least one primary or secondary amine.

### **REMARKS**

Claims 3-8, 11-17, 20, 22 and 24-26 constitute the pending claims in the present application. Applicants have amended claim 6. The amendment has been entered to direct the claim to the elected invention. Applicants reserve the right to pursue claims of the same or similar scope to the original claim at a later date.

In response to the Restriction Requirement, Applicants elect with traverse, Group II, claims 3-8, drawn to a method of inhibiting unwanted hair growth or inhibiting spermatogenesis utilizing compounds having the basic chemical skeleton as jervine or cyclopamine.

Applicants traverse the election because the steroidal alkaloids of Groups I and III-VIII have similar structures to jervine and cyclopamine. Applicants therefore believe that Groups I and III-VIII could be examined simultaneously without significant additional burden to the Examiner. Applicants respectfully request that the present restriction requirement be withdrawn and Group I-VIII be examined inclusively.

In response to the requirement for election of species, Applicants elect with traverse, and for search purposes only, cyclopamine. Applicants elect this species with traverse, because cyclopamine is not representative of all compounds claimed in Group II.

Early and favorable consideration is respectfully solicited. The Examiner may address any questions raised by this submission to the undersigned at 617-951-7000. Should an extension of time be required, Applicants hereby petition for same and request that the extension fee and any other fee required for timely consideration of this submission be charged to **Deposit Account No. 18-1945.**

Date:

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Respectfully Submitted,



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